

Converting Colors

CIELCh(62, 20.688, 217.278)

Have a look what the booklet for
CIELCh(62, 20.688, 217.278)
contains.

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Color

CIELCh(62, 20.672, 217.001)

Conversions

Conversions Part 1

Format	Color
Hex	629FAB
RGB	98, 159, 171
RGB Percent	38%, 62%, 67%
CMY	0.6150, 0.3758, 0.3288
CMYK	0.43, 0.07, 0.00, 0.33
HSL	190°, 30%, 53%
HSV	190°, 43%, 67%
XYZ	24.8455, 30.4025, 43.1664
YIQ	142.1290, -40.2080, -9.2000

Conversions

Conversions Part 2

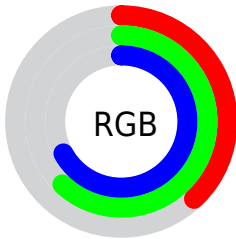
Format	Color
RYB	98, 131, 171
Decimal	6463403
CIELab	62.00, -16.51, -12.44
CIElCh	62, 20.672, 217.001
Yxy	30.4025, 0.2525, 0.3089
Android (android.graphics.Color)	4284653483 (0xFF629FAB)
YUV	142.1290, 14.2334, -38.7011
Hunter-Lab	55.1385, -16.0601, -7.8196

Details

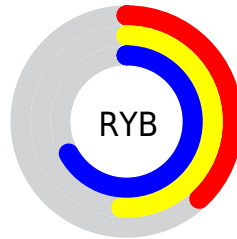
The CIELCh color **62, 20.672, 217.001** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **53, 28.276, 36.287**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 20.744, 216.102**, and **42, 20.565, 218.242** is the 20% darker color. If you saturate the color by 10%, you get **60, 24.247, 217.909**, and if you desaturate by 10%, it is **64, 16.523, 216.350**.

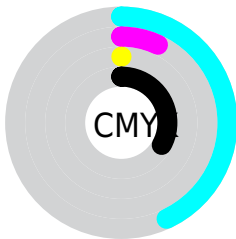
Distribution



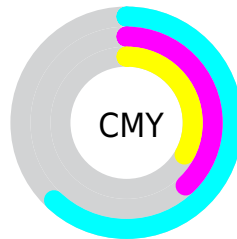
- Red (38%)
- Green (62%)
- Blue (67%)



- Red (38%)
- Yellow (51%)
- Blue (67%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)





- Cyan (62%)
- Magenta (38%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 20.672, 217.001 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 20.672, 217.001 by changing the saturation by 10% instead.


 62, 20.672,
217.001


 62, 20.672,
217.001


 100, 20.672,
217.001


 52, 20.672,
217.001


 82, 20.672,
217.001

 42, 20.672,
217.001

 92, 20.672,
217.001

 32, 20.672,
217.001

 22, 20.672,
217.001

 12, 20.672,
217.001

 2, 20.672, 217.001

 0, 20.672, 217.001

62, 20.672,
217.001

62, 20.672,
217.001

60, 24.247,
217.909

64, 16.523,
216.350

59, 27.177,
219.142

66, 11.884,
215.917

58, 29.419,
220.763

67, 6.838, 215.669

56, 30.967,
222.841

69, 1.469, 215.783

72, 4.154, 35.285

55, 31.873,
225.436

74, 9.966, 35.386

55, 32.294,
227.582

76, 15.916, 35.497

78, 21.960, 35.641

81, 28.065, 35.815

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 20.672, 217.001



53, 28.276, 36.287

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 20.672, 217.001



62, 20.672, 267.001



62, 20.672, 37.001



62, 20.672, 87.001

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 20.672, 216.998



85, 8.666, 215.678



64, 44.046, 145.404



45, 6.076, 215.718



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 20.672, 216.998



77, 29.125, 217.831



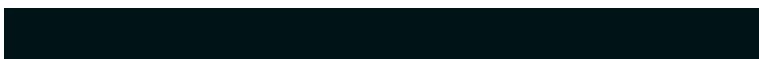
52, 28.367, 277.024



36, 3.121, 215.631



48, 29.371, 227.214



5, 6.524, 222.741

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



52, 43.597, 331.953



62, 63.293, 332.555



62, 28.836, 84.227



34, 5.882, 329.841



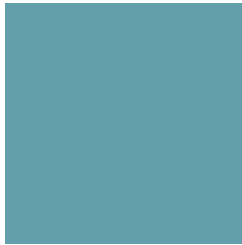
34, 68.711, 335.918



2, 11.812, 331.510

Previews

White Background



This preview shows how the CIELCh color 62, 20.672, 217.001 looks on a white background.

Color Contrast Check

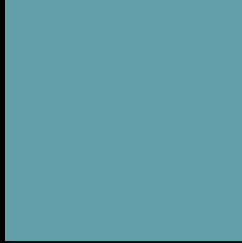
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 20.672, 217.001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

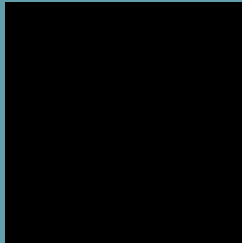
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 20.672, 217.001

Background



This preview shows how black text looks on a background with the CIELCh color 62, 20.672, 217.001.

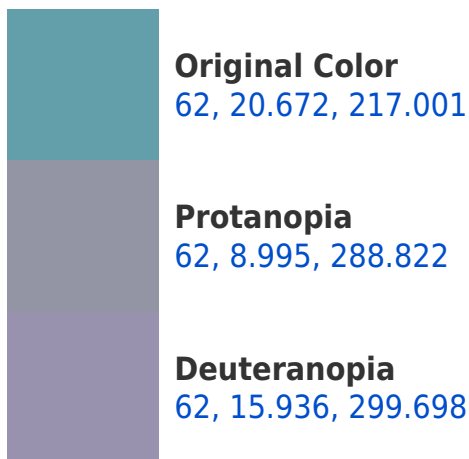



This preview shows how white text looks on a background with the CIELCh color 62, 20.672, 217.001.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
62, 20.774, 218.580

Trichromacy



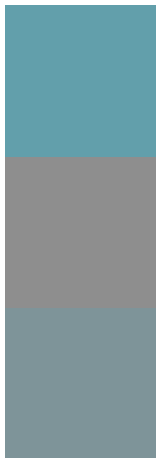
Original Color
62, 20.672, 217.001

Protanomaly
62, 11.533, 246.096

Deuteranomaly
62, 13.840, 262.792

Tritanomaly
62, 20.774, 218.580

Monochromacy



Original Color
62, 20.672, 217.001

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 8.482, 218.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 20.672, 217.001 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(98, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(98, 159, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(98, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 159, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 20.672, 217.001 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 159, 171) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(98, 159, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(98, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(98, 159,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 20.672, 217.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 159, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(98, 159,  
171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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